RAND McNALLY

TND™ 740

USER MANUAL

FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet that is on a different circuit from the GPS unit.
- Consult the dealer or an experienced radio/TV technician for help.

When using the device, ensure that the antenna of the device is at least 20 cm away from all persons.

IC Compliance Statement

This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

IC Caution

Intentional or unintentional changes or modifications to the equipment not expressly approved by Rand McNally could void the user's authority to operate the equipment.

IC attestation de conformité

Ce dispositif est conforme à la norme FCC Partie 15 et aux norme(s) RSS permis-exempte(s) d'Industrie Canada. L'opération est soumise aux deux conditions suivantes:

3. Ce dispositif ne peut pas provoquer d'interférence nocive et
4. Ce dispositif doit accepter toute interference reçue, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Attention

Les changements ou modifications à l'équipement, que ce soient intentionnelles ou non, non expressément approuvés par Rand McNally pourraient annuler l'autorisation de l'utilisateur à utiliser cet équipement.

IC: 10199A-01001A

About GPS

The Global Positioning System (GPS) is a constellation of satellites that a GPS receiver uses to calculate geographical positions. To determine a position, data from at least three satellites is required. To determine elevation, the data from four or more satellites is required. Accuracy of the positioning varies from 10 feet to several hundred feet, depending on vehicle placement and the surrounding environment.

Geographical terrain (such as mountains), man-made structures (such as highway overpasses, bridges, and tall buildings), as well as weather can interfere with the GPS signal. For best GPS reception, position the device and mount with a clear line of sight to the sky. Some vehicles may have a limited view of the sky due to metal sun shields or a metallized windshield coating.

Map data includes the geographical coordinates for address locations and points of interest (POIs). With GPS reception, your device calculates a route to your selected location.

Customer Support

Call toll-free:
800-333-0136

Service hours:
Monday through Friday, 7 a.m. to 6 p.m. CT
(Except official holidays)

E-mail:
TNDSupport@randmcnally.com

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? Look for this icon for help tips on many screens.

Note: Some screens may appear slightly different, depending on device model and software version.

Caution: Important Safety Information

Navigation

- Use this navigation device at your own risk.
- Use this navigation device only when it is safe to do so.
- Look at the display only when it is safe to do so.
- Traffic regulations always have priority over any instructions from the navigation system.
- Follow navigation system instructions only when local regulations and road traffic allow you do so.
- Make sure that the mount is securely mounted and properly adjusted before each trip.
- **Note:** If you do not understand the spoken instructions or are unsure of what to do next, refer to the navigation map on your navigation device.

Installation

- Make sure that the mount does not impair the driver's visibility.
- Do not attach the mount within the airbag deployment zone.
- When installing the mount, make sure that it does not pose a risk in the event of an accident.
- Do not run cables directly next to safety-relevant devices and power supplies.
- After installation, check all safety-relevant equipment.
- Connect the wall charger to a 120V or 240V outlet only.
- Connect the vehicle charger to a 12V outlet only.

Device

- Do not use sharp-edged objects on the device touch screen.
- The device is not waterproof and is not protected against water damage.
- Protect the device from extreme temperatures. Operating temperature for the device is between 32 degrees F and 120 degrees F.
- Do not open the navigation device casing.
- Do not attempt to replace the battery. Contact Rand McNally Customer Support with questions about the battery.
- Always follow local regulations when disposing of this device.

- **Note:** Make sure that there are no kinks in the cable and that it will not be damaged by any sharp objects.
- **Note:** Use only a moist cloth to clean the navigation device.
- **Note:** Do not pull the cable to unplug the unit.

What's Included

1. Rand McNally TND™
2. Magnetic mount
3. Windshield mount with suction cup
4. Vehicle charger
5. USB cable
6. Anti-glare screen protector

Charge the Battery

It is recommended that the device is always connected to a power source during use.

Note: The vehicle may need to be on for the device to charge.

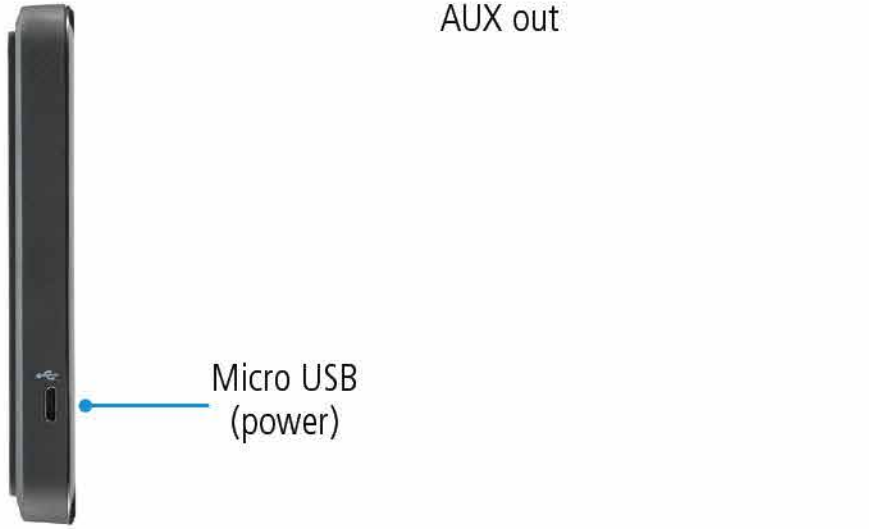
Install the Mount

Note: Follow all local regulations governing the placement of the mount.

1. Select an area with a line of sight to the sky and GPS satellites.
2. Clean and dry the mounting area.
3. Remove the suction cup protective film.
4. Adjust the angle of the mount using the thumbscrews.
5. Pull the suction cup lever up to release suction.
6. Plug the power cord into the device and the vehicle's 12-volt power source.
7. Optional: To use your vehicle's speakers, connect an AUX cable from the Magnetic mount AUX out to your vehicle's AUX in port.
8. Slide the device onto the mount.
9. Place and hold the mount suction cup against the mounting surface.
10. Press the suction cup lever down until it snaps into place.
11. Adjust the device so that it can be easily seen and does not block the driver's line of sight.

TND™ 740

TND™ 740 Smart Mount



Main Menu

1. **Truck Tools**
   Select to enter truck information, set warnings, and access other tools.

2. **Go To Map**
   Tap to view location on the map.

3. **Guided Search**
   Tap to select an address or point of interest (POI).

4. **DriverConnect**
   Tap to launch the DriverConnect app and log hours of service (HOS), Driver-Vehicle Inspection Reports (DVIRs), and other compliance fea tures.
   Note: You must connect the TND to Rand McNally electronic logging device (ELD), such as the ELD-50 or DC-200, in order to use this software.

5. **Battery Power and Time Indicators**

6. **System Updates**
   Tap to check for software or system updates.

7. **Volume**
   Tap to increase or decrease spoken instructions volume, and mute or unmute spoken instructions.
   Note: You can also tap this icon when it appears on the map screen to mute/unmute.

8. **Bluetooth**
   Tap to set up a Bluetooth connection.

9. **Wi-Fi**
   Tap to select a Wi-Fi network or hotspot.

10. **Settings**
    Tap to set device, route, or map preferences.

1. Tap and to view the options.
2. Tap the option to be set.
3. Enter the new information.
4. Tap **X** to close and save changes.

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State/Province Border/Timezone Change 10
Toll Booth Alert 10
Construction Area 10
Speed Limit Warning 10
Speed Limit Change Warning 10
Weigh Station 10

Truck Info	Options
Hazmat Type	None Explosives Gases Flammable Liquids Flammable Solids Oxidizers Poison Radioactive Corrosives Other PIH
Weight (Empty)	Use the + and - buttons or enter a numeric value by tapping the calculator.
Weight (Loaded)	Use the + and - buttons or enter a numeric value by tapping the calculator. *See **Load Option** in **Preferences › General** (page 8) or on the Main Menu (page 4).*
Height	Use the + and - buttons or enter a numeric value by tapping the calculator.

Truck Info	Options
Width	Use the + and - buttons or enter a numeric value by tapping the calculator.
Trailers	Straight 48’ 53’ Double Triple
Number of Axles	Use the + and - buttons.

Preferences

- Tap and to view the options.
- Tap the option to be set.
- Enter the new information.
- Tap **X** to close and save changes.

General Preferences	Options
System Settings	System Settings GPS Repair System Update
Skin Type	Modern Classic *Defaults to Modern. Use Classic skin type for the look and feel of older TND models.*
Vehicle Type	Truck Car/Light Truck Bus
Yard Time Zone	Hawaii Alaska Pacific Time Arizona Mountain Time Central Time Indiana (East) Atlantic (Canada Newfoundland
Day / Night Mode	Automatic Always Day Always Night

General Preferences	Options
My Custom POIs	Manage Custom POIs Select a Category to Edit Hide All Icons on Map Go to Map
Mileage Log	Truck/Bus Only Car Only Truck & Car Don't Log Mileage
Screen Click	Click Off Click On
Tutorial	View Tutorial and Tips
Voice Name	Allison Samantha Susan Tom
Language	English (Basic) English (Advanced) Español Français *For the screen and spoken instructions.*
Units	U.S. Standard Metric Auto Select
Load Prompt/ Notification	Prompt Always Loaded

Preferences - *continued*

General Preferences	Options
Toll Prompt/ Notification	Enabled Disabled
Clock Setting	12-Hour Clock 24-Hour Clock
Contact & About	Tap to show version information and copyrights.

Route Preferences	Options
Note: The default settings for your device were optimized for the vehicle route. Use the options below to fine-tune these settings.	
Use Traffic	On Off
Recalculation	Manual Recalculate Auto Recalculate
Freeways	Allow All (Default) Avoid Freeways Avoid Small Roads Prefer Freeways
Ferries	Allow Ferries Avoid Ferries
Tunnels	Allow Tunnels Avoid Tunnels
Manage Avoid List	Roads States/Provinces Areas Routes

Route Preferences	Options
Turn Announcements	Set three distances at which you want to be warned about an upcoming turn. The first announcement will be the farthest from the turn and the third the closest.
Junction View Distance	Tap - r + to set the distance
ETA Adjustment	Increase ETA more Increase ETA some ETA OK Decrease ETA some Decrease ETA more
Route	Fastest Route Shortest Route
Tollways	Allow Tollways Avoid Tollways
U-Turns	Allow U-Turns Avoid U-Turns
Cross Country Borders	Allow Crossing Borders Avoid Crossing Borders
Dirt Roads	Allow Dirt Roads Avoid Dirt Roads
Manage Avoid List	Roads States/Provinces Areas Routes
Fast Recalc	Off On

Preferences - *continued*

Map Preferences	Options
.**Map Style**	Light Dark High Contrast
Map Auto Zoom	Off On, Auto Scale On, Street Scale On, City Scale On, State Scale *Set to auto scale to keep the current vehicle position and the next turn in the map view at all times. Set to street/city/state scale to specify the maximum scale of the zoom.* *Note: When in 3D Map mode with Auto Zoom on, the map will change to North Up at certain zoom levels. Also, the visual turn screen will not appear in 3D mode with Auto Zoom on because a close up view of the turn is not needed.*
Lane Guidance	Off On
POI Icons	Off On Select icons to display on map. *Select restaurants, banks, gas stations, etc. to display on the map. Tap any category to fill in the square and display those icons.*

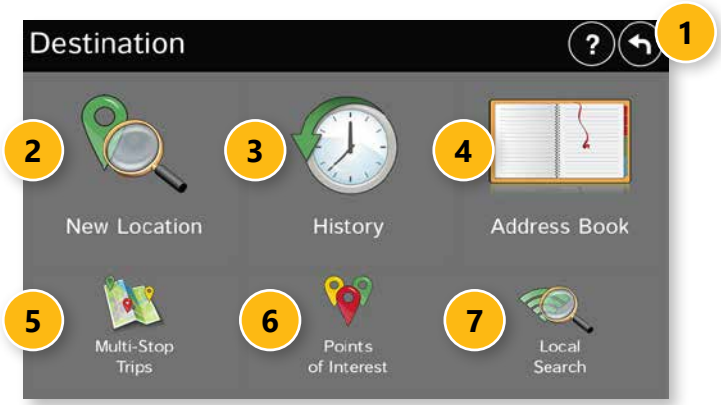
Map Preferences	Options
Truck POI Icons	Off On Select icons to display on map.
Address Book Icons	Off On
Truck Icon	2D 3D
Bus Icon	2D 3D
Car/Light Truck Icon	2D 3D *Scroll left or right to select the vehicle icon and color to display on the map.*
Map View Mode	Heading Up North Up 3D View
Route Color	Move the slider to the left or right to set the route color.

Preferences - *continued*

Warning Preferences	Options
Warning/Alert Prompts	None Audio & Visual Visual Audio
Auto Dismiss Warnings	Never After 2 Seconds After 10 Seconds After 30 Seconds
Curve Warnings	Set warning distance to curves areas by using the + and - buttons.
Hill Warnings	Set warning distance to upcoming hills areas by using the + and - buttons.
Engine Brake Warnings	Set warning distance to begin braking areas by using the + and - buttons.
Narrow Road Warnings	Set warning distance to narrow roads areas by using the + and - buttons.
State/Province Border Alert	Set warning distance to state/province borders by using the + and - buttons.
State or Province Border/ Timezone Change	Off On

Warning Preferences	Options
Warning Display Size	Full Screen Small Bar
Toll Booth Alert	Set warning distance to toll booths by using the + and - buttons.
Construction Area	Set warning distance to construction areas by using the + and - buttons.
Speed Limit	Set warning distance to speed limit changes by using the + and - buttons. Set the amount over the posted limit at which the warning appears. Set a user-defined maximum speed to be warned whenever the vehicle exceeds that speed, regardless of limits.
Speed Limit Change	Set warning distance to a change in the speed limit by using the + and - buttons.
Weigh Station	Set warning distance to weigh stations by using the + and - buttons.

Note: To turn warnings off completely, tap "-" until **OFF** displays.



Destinations
To access this window, tap **Guided Search** on the map.

1. **Back**
   Tap to return to the map.

2. **New Location**
   Tap to route to a new location by address, city center, intersection, or latitude/longitude.

3. **History**
   Tap to route to a recently entered location.

4. **Address Book**
   Tap to view a list of saved locations.

5. **Multi-Stop Trips**
   Tap to view a list of saved multi-stop trips or to create a new one.

6. **Points of Interest/POIs**
   Tap to search for a point of interest (POI) such as a gas station, restaurant, etc.

7. **Local Search**
   Tap to search for local businesses, restaurants, and more by name or keyword. (**Note:** Wi-Fi connection required.)

List — Tap to view a longer list of names matching the typed characters.

SPC — Add a space.

Delete last character and move back one space.

@123 — Type a number,apostrophe, hyphen, or other symbol.

Helpful Tips on Entering Addresses

Auto-Complete Feature:

Enter the first few characters in a name and a short list displays a couple of names that start with the typed characters.

On the keyboard, the only keys available are for the next valid characters in a search name.

Continue entering characters until the searched-for name displays in the list. Tap on the name to select it.

Cities:

Some cities with common names such as "Athens" have several types of names associated with a city.

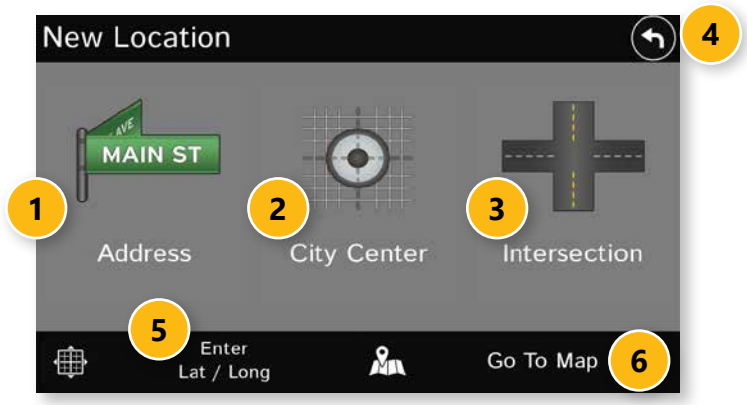
If a name does not display, continue typing characters until the name you are looking for displays in the list.

Streets:

If the next letter in the street name can not be selected on the keyboard, tap **Expand Search** to search a greater area.

The **Expand Search** button can also help locate addresses that may actually be in a different town, spelled slightly differently, or in a neighboring town.

Note: If you're entering a State or County Route, it's typically best to first either enter the State or County initials (for example, State Road 535 would be entered as "SR") but you may also need to try other options, such as "State Road" or "CA" for California, for example.



New Location

1 **Address**
Tap to route to an address by entering the city, street, and number, or by entering the zip code and street.

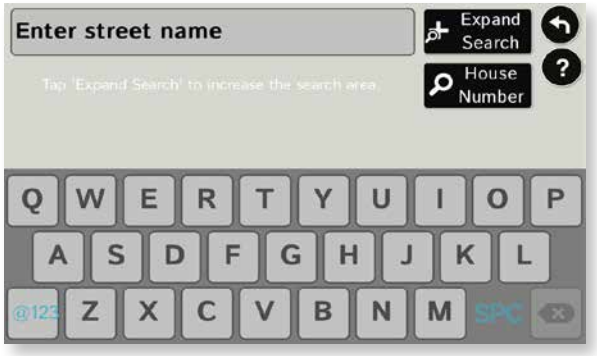
2 **City Center**
Tap to route to a city center.

3 **Intersection**
Tap to route to two intersecting roads in a city.

4 **Back**
Tap to return to the previous window.

5 **Enter Lat/Long**
Tap to route to a location by latitude and longitude.

6 **Go To Map**
Tap to return to the map.



Search for an Address

1. Tap **Guided Search** > **New Location** > **Address**.
2. Type the first few characters in the city name. As you type, a short list of matching city names displays.
3. Tap on a city to select it.
   - If the city is not displayed on the short name list, continue typing characters in the city name or tap **List** to display a long list of city names. Use the up and down arrows to view all cities/states. Tap on a city to select it.

Note: If a city name appears twice within a state, you may need to check both for your specific address.

4. Or tap **Enter Zip Code**. Type the zip code.
5. Type the first few characters in the street name, or if the next characters of the street name cannot be selected on the keyboard, tap **Expand Search** and search a wider area.
6. Tap on the street name from the displayed list.
7. Tap the house number or tap **List** to show a list of address ranges and select a range.

Note: To enter the **House Number** before the street, tap this button in step 5. This preference will be saved for subsequent address entry.

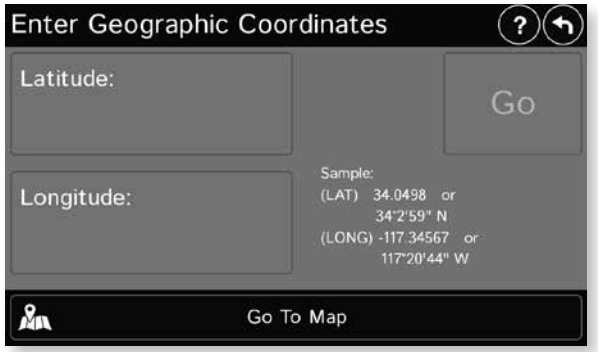
8. Tap on the street number range from the list.
   The **Confirmation Window** displays.
9. Tap **Begin New Route** to navigate to the location.

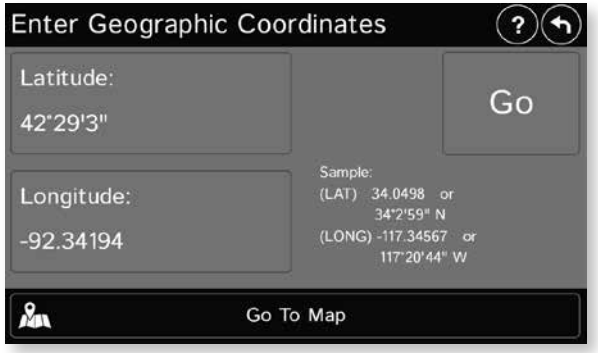
Route to a City Center

1. Tap **Guided Search** > **New Location** > **City Center**.
2. Type the first few characters in the city name.
3. Tap on the city/state name.
   The **Confirmation Window** displays.
4. Tap **Begin New Route** to navigate to the location.

Route to an Intersection

5. Tap **Guided Search** > **New Location** > **Intersection**.
6. Type the first few characters in the city name.
7. Tap on the city name.
8. Type the first few characters in the primary street name, or if the next characters of the street name cannot be selected on the keyboard, tap **Expand Search** and search a wider area.
9. Tap on the street name in the list.
10. Type the first few characters in the intersecting street name.
11. Tap on the intersecting street name.
    The **Confirmation Window** displays.
12. Tap **Begin New Route** to navigate to the location.

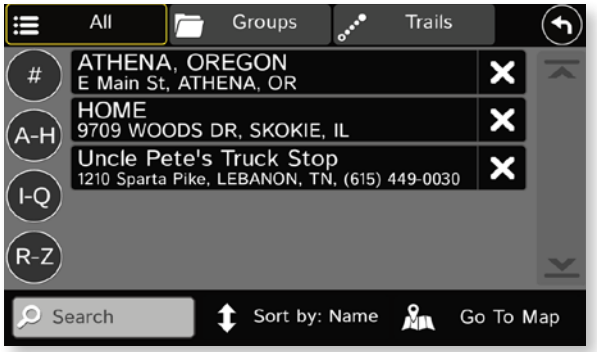


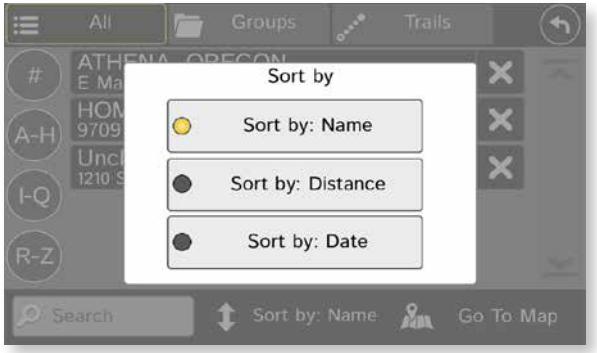


Route to a Latitude/Longitude

1. Tap **Guided Search** > **New Location** > **Enter Lat/Long**
2. Tap in the **Latitude** field.
3. Enter the latitude of the location and tap **Enter**.
4. Tap in the **Longitude** field.
5. Enter the longitude of the location and tap **Enter**.
6. Tap **Go**. The **Confirmation Window** displays.
7. Tap **Begin New Route** to navigate to the location.

Note: There are two ways to enter latitude/longitude: by decimal degrees or by degrees, minutes, and seconds.





Address Book

Add Locations to the Address Book from the **Confirmation Window**:

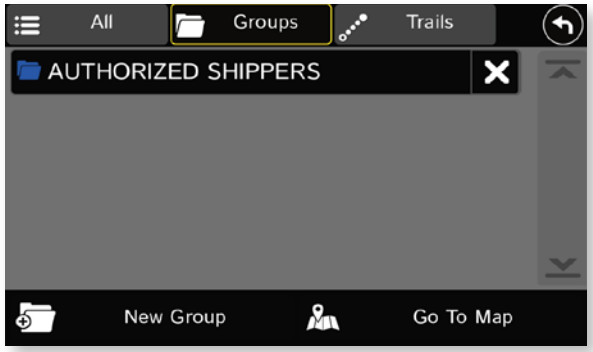
1. Tap **Save to Address Book**.
2. Tap **Yes** to accept the default name or tap **No** to display a keyboard.
3. Type the name of the location and tap **Enter** to save the location in the Address Book. The Confirmation Window re-displays.

Entries

- Tap **Guided Search** > **Address Book**.
  Entries are alphabetically sorted by **Name**.
- To sort by **Distance** or **Date**, tap **Sort By**.
- Use the up and down arrows to scroll through the list or use the alphabet buttons on the left.
- Tap the **Search** field to search the Address Book by keyword.
- The notepad icon indicates a note has been added for this location.

Route to an Address Book Location

1. Tap **Guided Search** > **Address Book**.
   - Tap on the **All Addresses** tab or
   - Tap on the **Groups** tab.
2. Tap on an address to select it.
   The **Confirmation Window** displays.
3. Tap **Begin New Route** to navigate to the location.



Create a Group

1. Tap **Guided Search** > **Address Book**.
2. Tap on the **Groups** tab.
3. Tap **New Group**.
4. Type the group name.
5. To select a different color folder, tap .
6. Tap on a color, then tap **Close**.
7. When finished, tap **Enter**.

   Tap on the ✕ next to a group to delete the group. Addresses will still be saved in the Address Book.

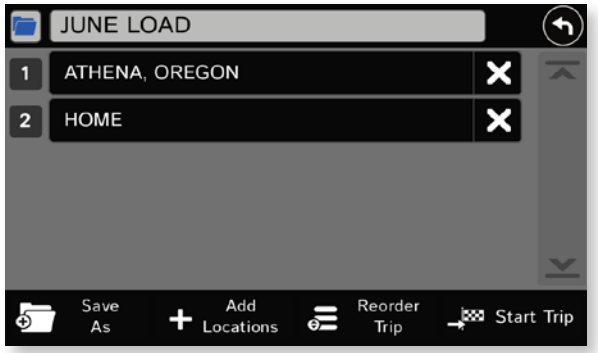
Note: You can also choose to display address book icons on the map.

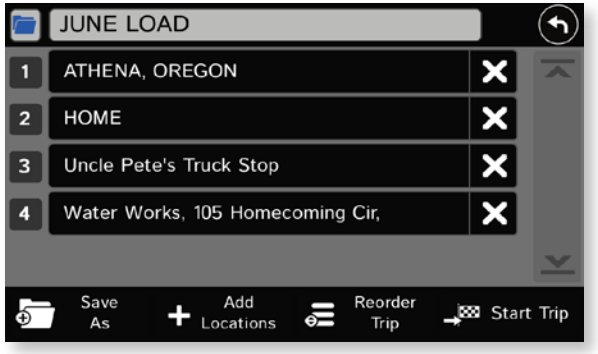
Add an Address to a Group

1. Tap **Guided Search** > **Address Book**.
2. Tap the **Groups** tab.
3. Tap on the group you want to add an address to.
4. Tap **New Location**.
5. Tap **Enter New Address**, **History**, **Address Book**, or **POI**.
6. If you selected:
   - **History**, **Saved**, or **POI**, the selected location is added to the group.
   - Enter a New Address, tap **Yes** to accept the default name or tap **No** to display a keyboard and enter a new name.

Remove an Address From a Group

1. Tap **Guided Search** > **Address Book**.
2. Tap on the **Group** tab.
3. Tap on the Group you want to remove the address from.
4. Tap on the ✕ next to the address to be removed.
5. Tap **Yes**.





Create a Multi-Stop Trip

1. Tap **Guided Search** > **Multi-Stop Trips**.
2. Tap **New Trip**.
3. Type the trip name.
4. To select a different color folder, tap .
5. Tap on a color, then tap **Close**.
6. When finished, tap **Enter**.

Note: A multi-stop trip can include up to 50 stops.

Add a Stop

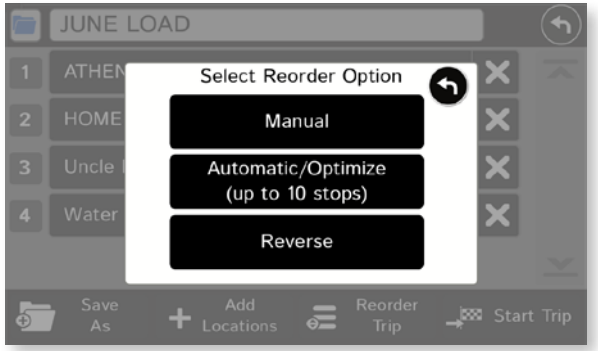
Note: You can add locations in the order you want to route to them or reorder stops later

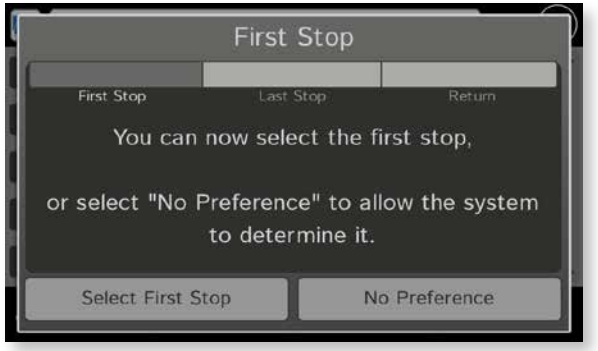
From the Main Menu:

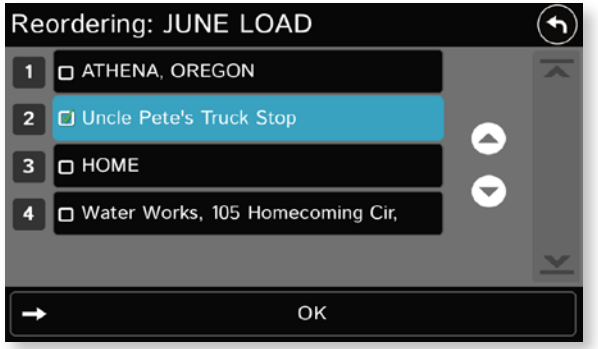
1. Tap **Guided Search** > **Multi-Stop Trips**.
2. Tap on the route.
3. Tap **Add Locations**.
4. To add an address, tap **Enter New Address**, **History**, **Address Book**, or **POI**.
5. A Confirmation Window asks if you want to add another stop. Tap:
   - **Yes** to add another stop
   - **No** if the route is complete.
6. Tap **Back** to save changes.

Remove a Stop

1. Tap **Guided Search** > **Multi-Stop Trips**.
2. Tap on the route.
3. Tap on the ✕ next to the stop to be removed.
4. Tap **Yes**.







Reorder Routes

Optimize Automatically

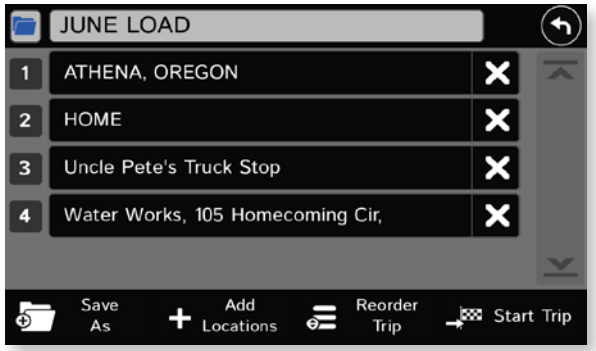
After all locations have been added to a multi-stop trip, you can run the optimizer wizard to organize your trip.

1. Tap **Guided Search** > **Multi-Stop Trips**.
2. Tap on the route you want to optimize.
3. Tap **Reorder Trip**.
4. Tap **Automatic/Optimize**.
5. Tap **Select First Stop** and select the first stop, or **No Preference**.
6. Tap **Select Last Stop** and select the last stop, or **No Preference**.
7. Tap **Yes** to return to your current location to complete the route or **No** to complete the route at the last stop.
8. Tap **Start Trip** to begin the route.

Note: There is a limit of ten stops that can be optimized automatically.

Reorder a Route Manually

1. Tap **Guided Search** > **Multi-Stop Trips**.
2. Tap on the route you want to optimize.
3. Tap **Reorder Trip**.
4. Tap **Manual**.
5. Tap on the stop to be moved and tap the arrows to move stops up or down.
6. When finished, tap **OK**.
7. Tap **Start Trip** to begin the route.



Select and Run a Saved Route

1. Tap **Guided Search** > **Multi-Stop Trips**.
2. Tap on the route to select it.
3. Tap **Start Trip**. The **Confirmation Window** displays.
4. Tap **Begin New Route** to navigate to the location.
5. The TND™ calculates the route to your first stop.
   When you have reached the stop, a message displays.
6. Tap:
   - **Next Stop** - To calculate a route to the next stop in the route.
   - **Skip Next Stop** - To skip the next stop and calculate a route to the stop after the next one.
   - **End Current Trip** - To end the route at the current stop.

Note: To view your entire trip, select **Summary Map View** from the **Route Display Options**.

Delete a Route

1. Tap **Guided Search** > **Multi-Stop Trips**.
   The Multi-Stop Trips window displays.
2. Tap on the ✕ next to the route to be deleted.
3. A confirmation message displays.
4. Tap:
   - **Yes** to delete the route.
   - **No** to keep the route.

Tap on the Map

When you tap on the map screen, the crosshairs display.

1 Route to Here

Tap **Begin New Route** to navigate to the location.

2 Set Origin

Set the location as the starting point of the route.

3 Save to Address Book

Add the location to your address book.

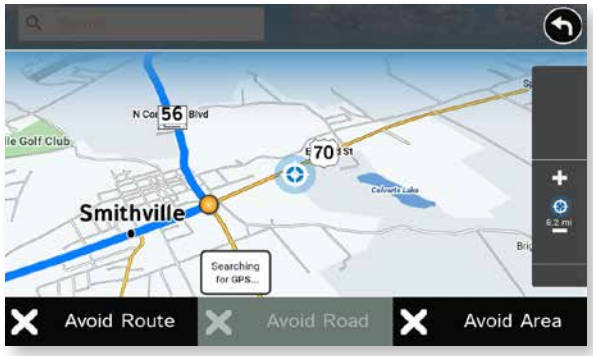
4 Add as Via

Add a via—an interim stop between the origin and the destination.

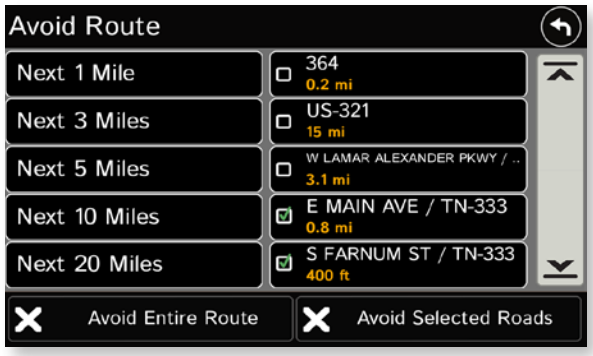
5 Avoid

Tap to avoid the route, road, or area, or to detour.

Avoid Options



Avoid Route



Avoid Area

Save
Scroll and zoom the map to set the location. Use the round +/- buttons to set the size of the area.
1.0 mi
Smithville
Searching for GPS...
2.0 mi

Avoid List

From the map, set specific locations to avoid. Tap on the map and select **Permanent Avoid**. Choose **Avoid Route**, **Avoid Road**, or **Avoid Area**. Or, if the location is along an active route, choose **Detour**.

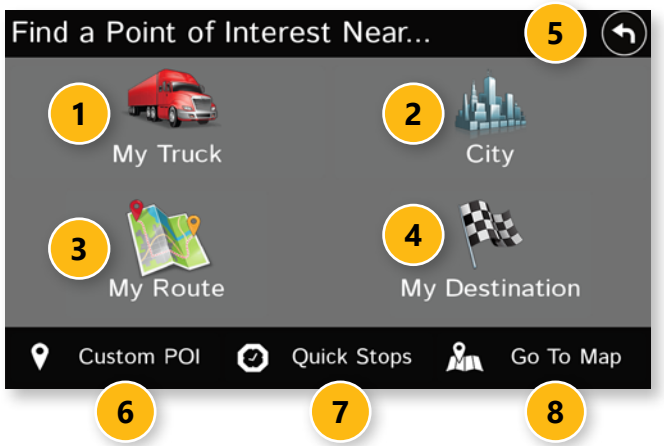
Avoid Route
Choose whether to avoid an upcoming distance on an active route, in the left column, or a specific road section, in the right column. Or, select **Avoid Entire Route**. The route is recalculated and the avoided sections are added to the Avoid List, under **Routes**.

Avoid Road
Add the selected road segment to the Avoid List, under **Roads**. (**Note**: Reposition the map after zooming in or out to be sure to select the right location.) Road segments that have been permanently avoided are shown in pink on the map when zoomed in. Tap on a segment and tap **Remove Avoid** to remove the segment from the Avoid List.

Detour
Detour around a road segment on an active route. The route is recalculated, but the road segment is only avoided temporarily and does not appear on the Avoid List. To cancel the detour, tap the icon in the lower left-hand corner of the map screen and select **Detour**.

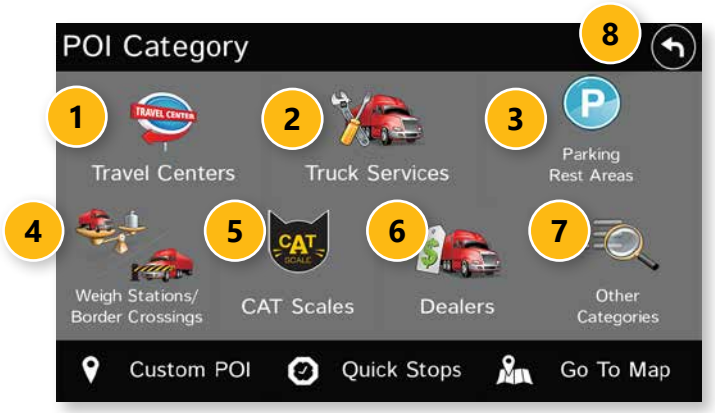
Avoid Area
Set an area on the map to avoid. Increase/decrease the size of the area using the ⊕ and ⊖ buttons. Tap **Save** to add the area to the Avoid List, under **Areas**. Enter a name for the area. If an active route has been entered, the route does not recalculate. Avoided areas are shown on the map in pink.

To remove items from the Avoid List, tap **Manage Avoid List** in **Preferences** > **Route**. Tap the ✕ to remove. Tap **Roads** in the Avoid List to view avoided roads on the map. You may need to re-enter your destination to recalculate an active route.



Points of Interest (POIs)

1. **My Truck**
   Tap to search for a point of interest near the current vehicle location.
2. **City**
   Tap to search for a point of interest in a city.
3. **My Route**
   Tap to search for a point of interest along the vehicle route.
4. **Destination**
   Tap to search for a point of interest near the route destination.
5. **Back**
   Tap to return to the previous window.
6. **Custom POI**
   Tap to select a custom POI location.
7. **Quick Stops**
   Tap to find a truck-friendly POI near the current truck location.
8. **Go to Map**
   Tap to return to the map.



Points of Interest (POIs)

1. **Travel Center**
   Tap to search for a travel center with truck amenities.
   (See page 28 to filter by amenities.)

2. **Truck Services**
   Tap to search for a truck services POI. (See page 28 to filter by amenities.)

3. **Parking & Rest Areas**
   Tap to search for truck parking or a rest stop.

4. **Weigh Station/Border Crossings**
   Tap to search for a truck weigh station and international border cross ings.

5. **CAT Scales**
   Tap to search for a CAT scale location.

6. **Dealers**
   Tap to search for a truck dealership.

7. **Other Categories**
   Tap to select a consumer (non-truck) related point of interest.

8. **Back**
   Return to previous window.

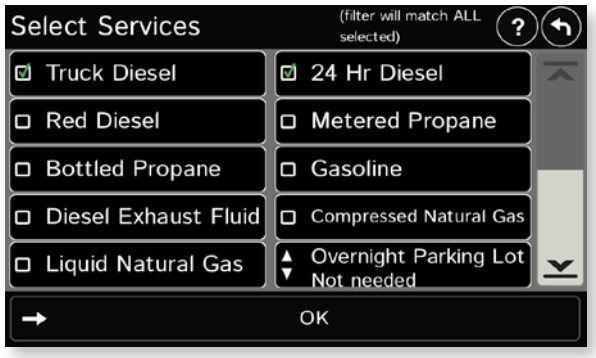
Select Point of Interest
2.4 mi U-Haul Neighborhood Dealer
11052 Nashville Hwy, Liberty, TN
2.4 mi Craig's Embroidery
11021 Nashville Hwy, Liberty, TN
2.5 mi Salem Baptist Assoc
186 Groom St, Liberty, TN
3.0 mi Elders First Adult Day SRVCS Assctn
1687 Adamson Branch Rd, Liberty, TN
2.5 mi Liberty
US-70, Liberty, TN
Spell
Go To Map

Other Categories

1. Tap **Guided Search** > **Points of Interest**.
2. Select a search type (**My Truck/My Car**, **City**, **My Route**, **End of Day**, or **Destination**).
3. Tap **Other Categories**.
4. Tap on a category. (For example, tap **Hospital/Emergency**.)
5. If necessary, tap on a subcategory type. (For example, tap **Pharmacy**.)
6. Tap on a location from the list

   or

7. Tap **All**.
8. Tap on the **Spell** button to display the keyboard.
9. Type the first characters in the POI name.
10. Tap on the POI name in the displayed list.



Select and Filter Travel Center Amenities and Truck Services

Truck-related Travel Center points of interest can include over 70 different types of amenities. To select only the travel centers with the amenities that you are interested in, filter your search results.

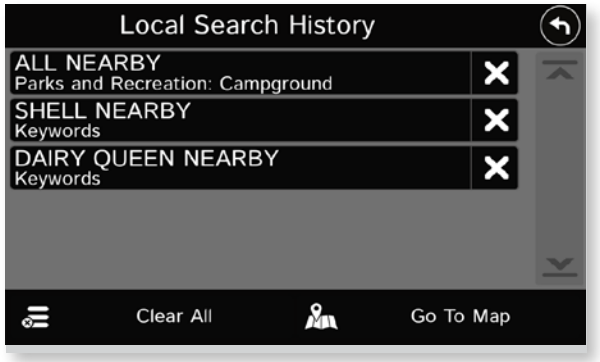
1. Tap **Guided Search** > **Points of Interest**.
2. Select a search type (**My Truck/My Car**, **City**, **My Route**, **End of Day**, or **Destination**).
3. Tap **Travel Center** or **Truck Service**.
4. Tap **Select Services**.
5. Click on the check box of each amenity to be included in the search.
6. Tap **OK**.
   The Travel Center window displays POI locations with your selected amenities.
7. Tap on a location from the list.
8. A check next to Filter indicates the search terms have been applied. Tap **Filter** to return to general search results.

Rate a Truck Point of Interest

You can rate truck POIs from the **Confirmation Window**.

For each POI, the top row indicates the community rating from fellow drivers for the point of interest. The bottom row indicates your individual rating.

1. Tap on the **POI Ratings** button.
2. Use ⊖ and ⊕ to rate the facility.
3. Tap **Create Comment** and type a personal comment on the facility.
4. Tap **Enter** to save the comment.
5. Tap **Back** to save changes.



Note: This feature requires a Wi-Fi connection.

Use Local Search to search the Internet for a restaurant, business, or any type of location by name, keyword, or category. Tap **Guided Search** > **Local Search**.

Choose whether to search:

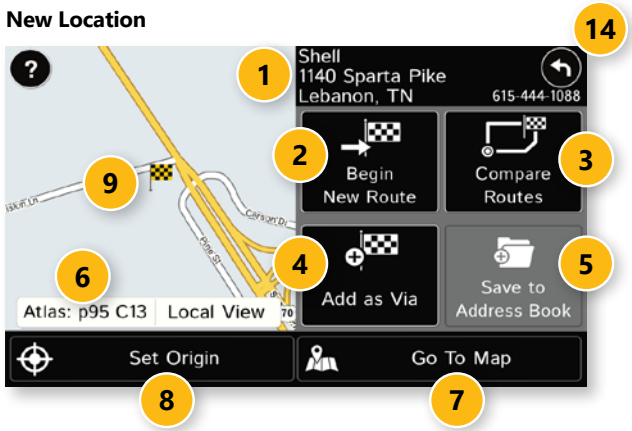
1. near your truck
2. in a specific city
3. near your destination

Select a category, or tap **Keywords** to search using a specific name (e.g., "Subway") or a keyword ("sandwich").

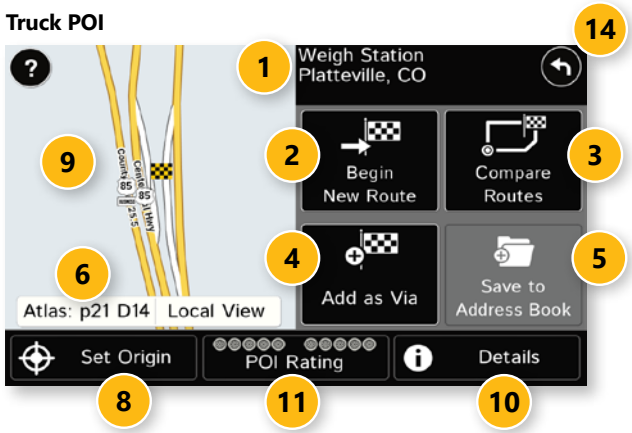
4. Tap **Nearby Food** to show a list of area restaurants based on your current location.
5. Tap **My Local History** to show a list of previous searches.

Screens differ according to destination type:

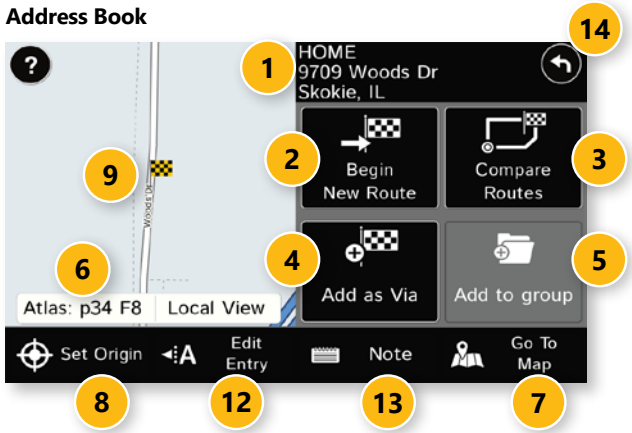
New Location



Truck POI

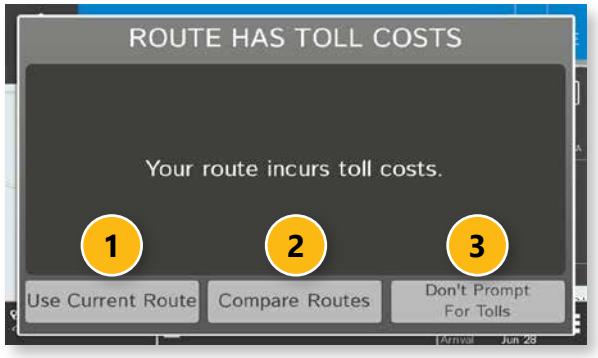


Address Book



Confirmation Windows

1. **Destination Address**
   The selected location address.
2. **Begin New Route**
   Tap to route to destination.
3. **Compare Routes**
   Tap to choose between two routes
4. **Add as Via**
   Add this location as an interim stop between the origin and destination. This automatically makes the current route a multi-stop trip.
5. **Save to Address Book**
   Add the location to the Address Book or add to Address Book group. (See page 18).
6. **Atlas**
   Cross-reference to printed Rand McNally Motor Carriers' Road Atlas. (Page numbers apply to the most recent Atlas.)
7. **Go to Map**
   Tap to view this location on a map.
8. **Set Origin**
   Tap to set the location as the starting point of a route.
9. **Map Preview**
   Displays a preview of the destination location on the map.
10. **Details**
    Tap to view phone number and amenities at this location.
11. **POI Rating**
    Tap to rate or add a comment to this location.
12. **Edit Entry**
    Rename or edit this entry in the Address Book.
13. **Note**
    Add a note about this location in the Address Book.
14. **Back**
    Tap to return to previous window.



Toll Costs

From the destination confirmation screen, tap **Begin New Route**. If the calculated route includes tolls, a message appears.

1. **Use Current Route**
   Show estimated toll costs and continue along the calculated route.

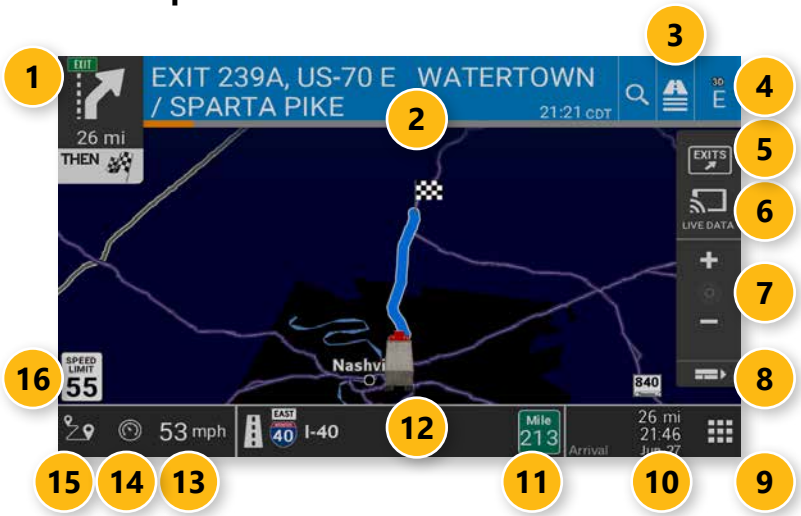
2. **Compare Routes**
   Compare the calculated toll route to an alternate route without tolls. (See below.)

3. **Don't Prompt for Tolls**
   Use the current route and disable this prompt for subsequent route calculations.
   Note: You can re-enable this prompt in **Preferences** > **General**.

Route Compare

1. From the destination confirmation window, tap **Compare Routes** to calculate and display two routes and choose between them.
2. Choose to ignore tolls and calculate two routes based solely on route preferences, or to calculate a primary route (which may include tolls) and an alternate route without tolls.
3. The top of the screen displays the total distance and time for each route, as well as any estimated toll costs. Zoom in to get a closer look at each route on the map.
4. Tap either button at the top of the screen to select that route. If the route includes tolls, estimated toll cost will display.

Route Map Window



1 Next Maneuver
Tap to repeat spoken next maneuver instructions.

2 Road Name
Name of street you will turn onto next.

3 Directions Slide-Out List
Tap to select a route display option.

4 Compass Direction
Tap to change the map display. An icon in the upper right corner displays the selected option: North up (N), heading up (arrow), or 3D (3). Also displays Wi-Fi status.

5 Exits Quick View
Slide out to show upcoming exit information.

6 Live Data
Tap to view Traffic, Weather, and Fuel Price Information.
Note: This feature requires a Wi-Fi connection.

7 Zoom In/Zoom Out

8 Map View Tab
Tap to simplify the map screen. Icons are minimized to show simply the zoom, next maneuver, and miles/time.

9 Home Screen

10 Miles/Time
Displays remaining distance. Tap to select from: yard arrival time, arrival time, remaining time, yard time, and elevation.

11 Current Mile Marker
Tap to open a "Tell Rand" message.

12 Current Information
View current information by city, street, or upcoming intersection. Also displays advanced lane guidance and weather overlay key, when enabled. Tap to change. (**Note**: For some destinations, the "Am I close?" feature counts down addresses as the vehicle approaches.)

City, county, and state

Current street name

Next intersecting street name

Advanced lane guidance

13 Current Speed
Tap to display the Virtual Dashboard. Turns red for speed warnings.

14 Virtual Dashboard

15 Location and Route Options
Tap to see current location information, change route settings, detour, cancel a route, and manage avoided roads.

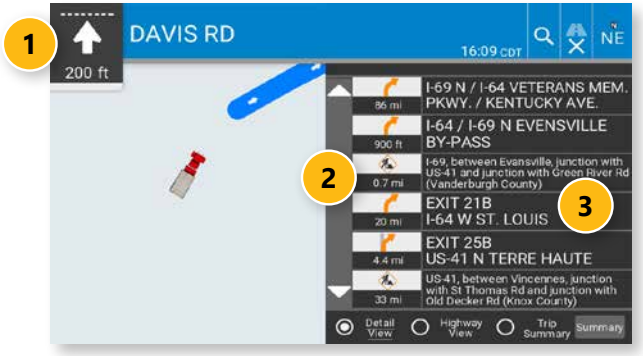
16 Speed Limit
Orange for truck limit; white for general limit. Tap to open a "Tell Rand" message about speed limits.

Exits Quick View

Slide out to show Points of Interest and amenities at upcoming exits. The list displays the distance to the next exit, exit name and number, and a count of available amenities.

1. Tap on an exit to display locations by category.
2. Tap on any item in the list to route to that location.

Highway View



Trip Summary (for multi-stop trips)

Summary Map View (entire trip)

Directions Slide-Out List

Route Display Options

1. When first opened, the slide-out list displays in Detail View showing each maneuver.
2. Use and to view the instructions.
3. To change the display option, tap the radio button on the bottom of the screen. See Highway View, Trip Summary (for multi-stop trips), and Summary Map View at left.

1 Next Maneuver
Displays the remaining distance until the next maneuver.

2 Distance
Displays the distance for each road segment.

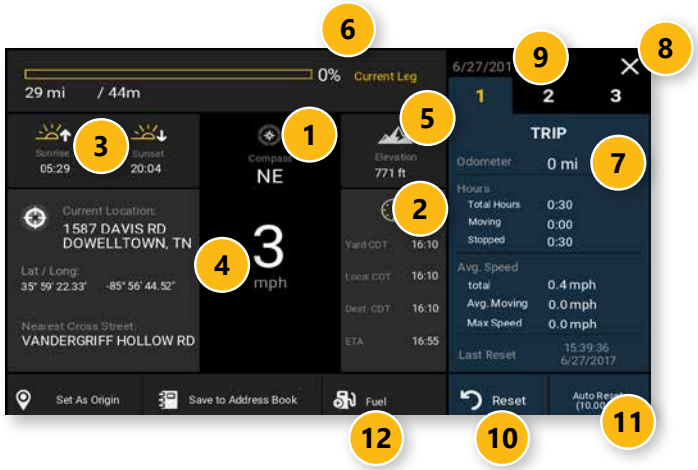
3 Street/Road Name
Displays the street name you will be on after performing the next maneuver. Tap on any item in the list to view it on the map and to detour around it if necessary. (**Note**: For multi-stop trips, highways in each leg are listed, color-coded by segment.)

4 Total Distance and Time
Total distance and time for the entire trip.

5 Leg
Number of the leg and distance.

6 Leg Destination
Leg destination.

Tap here

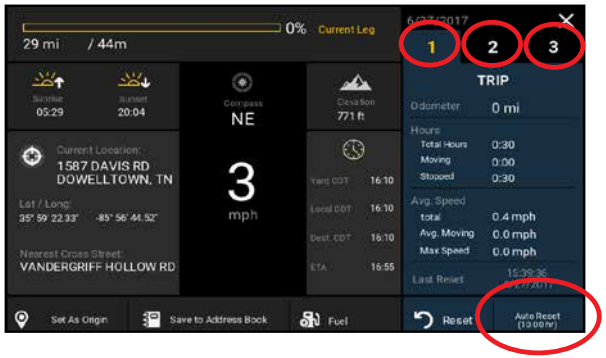


Virtual Dashboard

To show the Virtual Dashboard, tap the **Current Speed**.

1. Current direction of travel.
2. Displays current times at the yard, current location and destination, as well as estimated time of arrival.
3. Sunrise and sunset times based on vehicle location (latitude/longitude) and day.
4. Current speed (above) and posted speed limit (below).

   Note: Turns red when speed limit warning exceeded. (See page 10 to set speed limit alert.)
5. Elevation at current location.
6. Percentage of current trip completed, distance to next maneuver, and the number of miles and time spent on the trip to this point.
7. Match with truck's odometer to automatically update new fuel logs.
8. Return to the **Route Map Window**.
9. Gather trip information for up to three trips. Includes odometer settings, hours, and speeds.
10. Reset trip information for the selected trip (**Tab 1**, **Tab 2** or **Tab 3**).
11. Select to automatically reset the information in each tab after the vehicle has remained stationary for the specified number of hours.
12. View fuel logs and add fuel purchase information.



Manually Reset Trip Information

1. Tap on the tab you want to reset.
2. To set the odometer for the selected tab back to zero, tap **Reset All**.
3. Information is captured as you travel the route.

Automatically Reset Trip Information

To reset trip information after the vehicle has remained stationary after a specific number of hours:

1. Tap on the tab you want to reset.
2. Tap **Auto Reset**.
3. Tap ⊕ to increase the number of hours.
4. Tap ⊖ to decrease the number of hours.
5. To save changes, tap **Change**.
6. The Tab displays the auto reset number of hours.

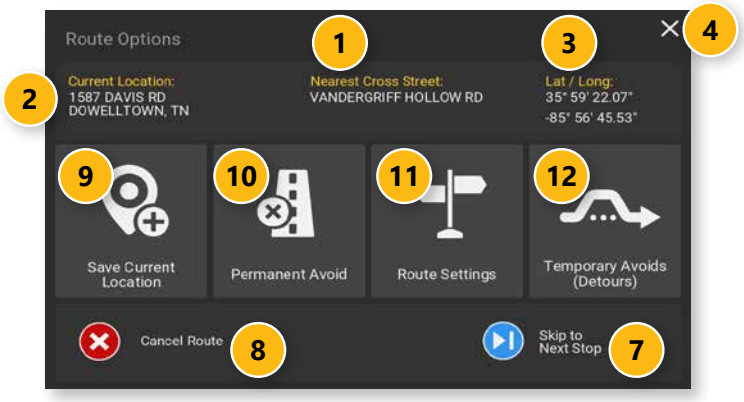
Junction View

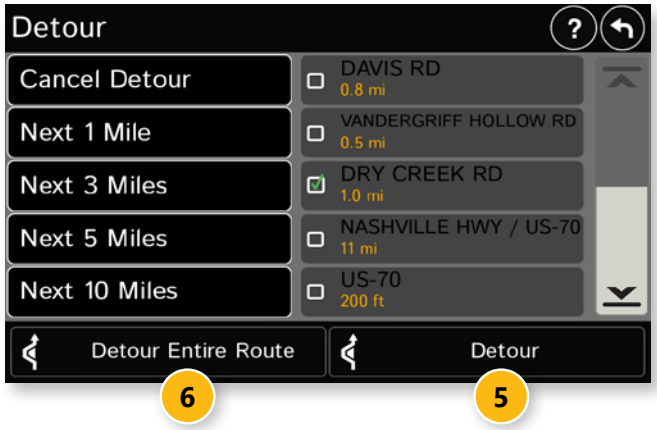
When on a route, Junction View displays when you have an upcoming maneuver. Set distance in **Preferences** > **Route**. Once past the maneuver, Junction View closes and the previous window displays.

1. Signs to follow for the next maneuver.
2. Number and direction of lanes for the next maneuver.
3. Distance to the upcoming maneuver. Distance decreases as you approach the ramp.
4. Lane assist arrow.
5. Return to previous window.

Turn View

Displays for upcoming turns. Set distance in **Preferences** > **Route**.





Location and Route Options

1. Nearest cross street
2. Current road you're on, current town you're in
3. Latitude and longitude at current location
4. Return to previous window
5. Detour
6. Detour the entire route and add it to the avoid list.

Around Part of the Route

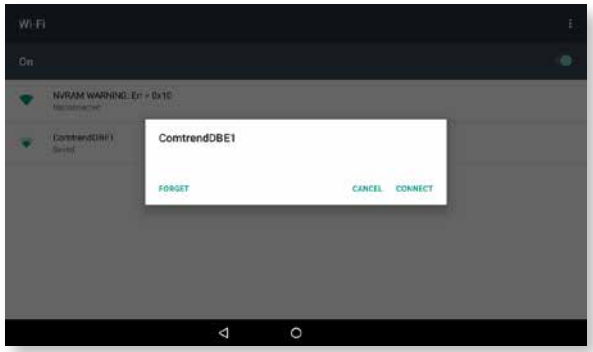
1. On the left side of the Window, tap the number of miles on the route to be avoided.
2. The route is recalculated.

Around a Specific Roadway

1. On the right side of the Window, tap and to view a list of roads in the current route.
2. Tap on one or more roadways to be avoided. A check mark appears in front of each selected road.
3. Tap **Detour** to recalculate the route.

Note: Tap **Cancel Detour** to remove detours.

7. Skip to next stop (for multi-stop trips).
8. Cancel current route.
9. Save current location to the Address Book.
10. Access list of avoided roads.
11. Access Route Preferences.
12. Access list of temporary avoids/detours.



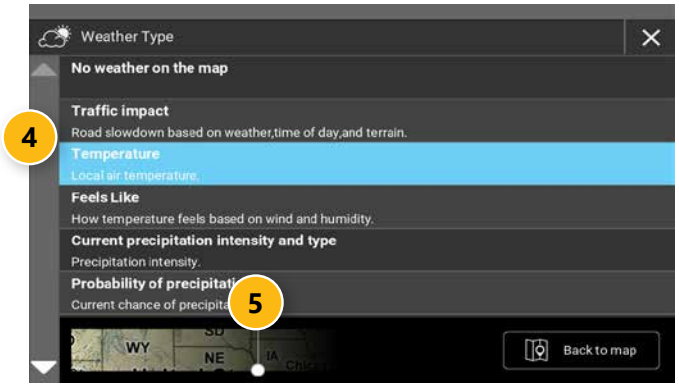
Wi-Fi

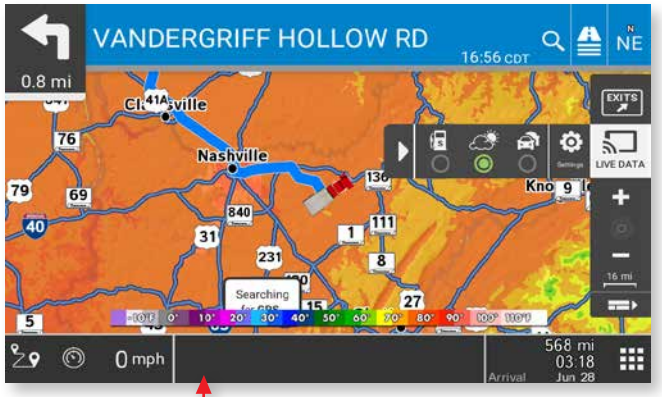
For information on setting up a Wi-Fi hotspot through your cellular phone or laptop computer, please visit **www.randmcnally.com/wifihelp** for basic instructions, or contact your wireless carrier.

Note: Wi-Fi connectivity requires a supporting feature and data plan from your wireless service provider. As the user, you are responsible for all data charges. Please contact your wireless service provider to make sure you do not exceed the limits of your data plan.

Once you have established a Wi-Fi hotspot:

1. Tap **Wi-Fi** icon on the home screen. (Also accessible from the Preferences menu.)
2. The device searches for available hotspots.
3. Tap the hotspot you want to connect to.
4. Enter the network password. (**Note:** Many passwords are case sensitive.)
5. A confirmation message displays when a connection is established.





Tap to re-display city, street, or intersection.

Weather

Notes:

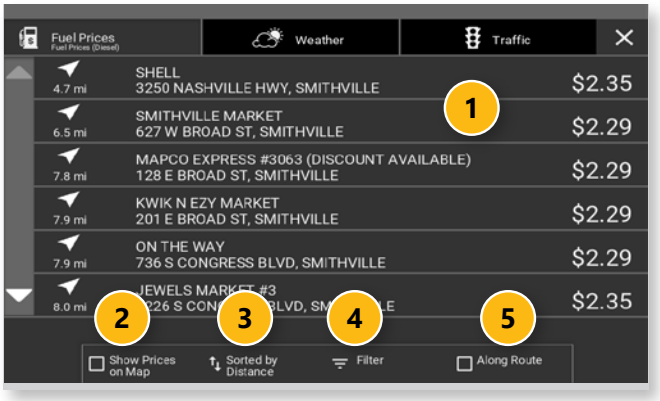
- This feature requires a Wi-Fi connection.
- The refresh speed of the weather display is dependent on the connection speed. Weather information is updated every few minutes while Wi-Fi connection is active.
- Weather display depends on active weather patterns and map zoom level.

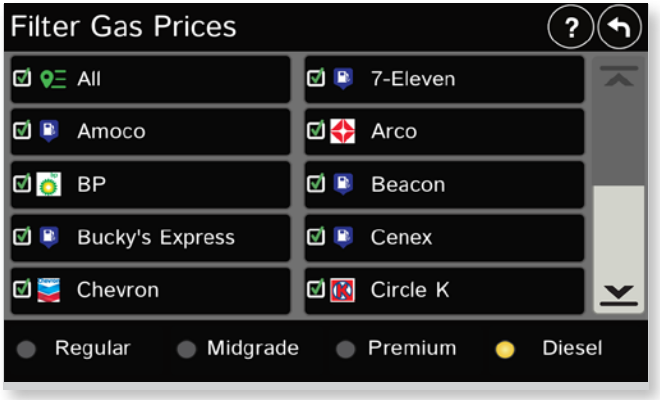
To view current weather information and the three-day forecast for your location, tap the Live Data icon on the map screen and tap the **Weather** tab.

1. View details for current weather alerts.
2. View weather information at your destination.

   Note: You can view weather information at any other location by tapping the map and then the Wi-Fi icon and the Weather icon.
3. Select type of weather overlay to display on the map.
4. Select from a variety of weather types:
   - No weather (turn off)
   - Traffic impact
   - Temperature
   - Feels like
   - Current precipitation intensity and type
   - Probability of precipitation
   - Forecasted precipitation intensity, type, and clouds
   - Forecasted precipitation intensity and type
   - Dew point
   - Relative humidity
   - Wind speed
5. Slide to adjust the transparency of the overlay on the map.

   Note: Use the slider to readjust for visibility when switching between day and night modes.



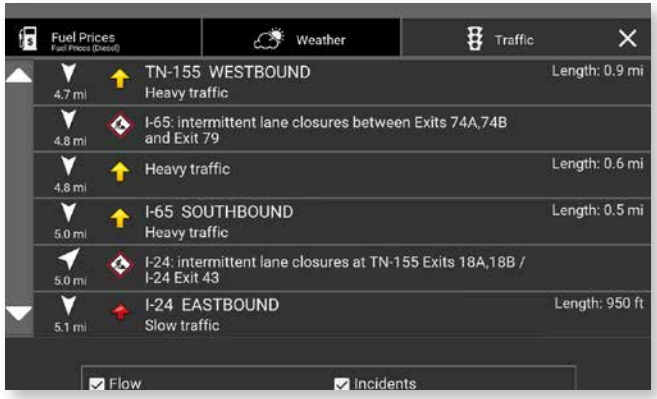


Fuel Prices

Note: This feature requires a Wi-Fi connection.

To show fuel prices, tap the Live Data icon on the map screen and tap the **Fuel Prices** tab.

1. Displays stations and prices, with distance as the crow flies.
2. Check to show the icons and prices on the map screen.
3. Sort by distance or price.
4. Apply filters for type of fuel and specific brand.
5. Check to show fuel prices along the route.



Tap any traffic icon for incident details.

Traffic

NOTE: This feature requires a Wi-Fi connection.

To view current traffic information along your route and near your location:

1. Tap **Live Data** > **Settings** on the map screen. Tap the Traffic radio button to display the traffic overlay on the map.
2. Tap the Traffic tab.
3. The Traffic tab displays traffic events along your route.
4. Use the **Flow** and **Incidents** checkboxes to view or hide each type of traffic events
5. Tap the **X** to return to the map.
6. Traffic pattern display on the map as colored lines. Traffic Incidents display as icons.

Traffic indicators:
Green: Light or no traffic
Yellow: Moderate to heavy traffic
Red: Slow traffic

Traffic Icons

Accident

Accident

Incident

Closure

Carriageway

Exit blocked

Entrance blocked

Traffic

Carpool

Road work

Obstruction

Dangerous

Road condition

Temperature

Chance of precipitation

Wind

Activities

Security

Delay

Cancel

Travel time

Size/weight limit

Visibility

Heavy traffic

Moderate traffic

Light traffic

Truck Tools

Note: Some features are not available in Truck Mode. Tap Truck Tools on the Home screen to access the Truck Tools apps:

Truck Info
Enter truck information (weight, length, etc.).

Status, Trails, Mileage, and Fuel
View driving, on-duty, and maintenance timers; state logs; trails; and fuel purchase information. (See pages 44-47.)

Motor Carrier's Road Atlas
Displays the Road Atlas app.

Rand Motor Carrier's Road Info
View Rand McNally Truck Emergency contact information and truck regulations.

Quick Planner
Between any two cities or towns, quickly calculate the distance, driving time, and cost.

Calendar

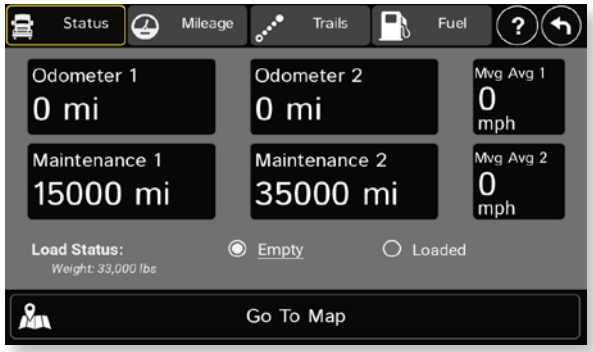
Calculator

Unit Converter
Quickly convert distance, weight, and temperature.

Notes
Add, edit, and manage notes.

Tell Rand
Compose a message to send to Rand McNally.

GPS Repair
Diagnose and fix errors in GPS and map data.



Status

Note: Odometers count up and record the current mileage. Maintenance counters count down. When a maintenance timer counts down to 2,000 miles, a reminder displays each time the TND starts.

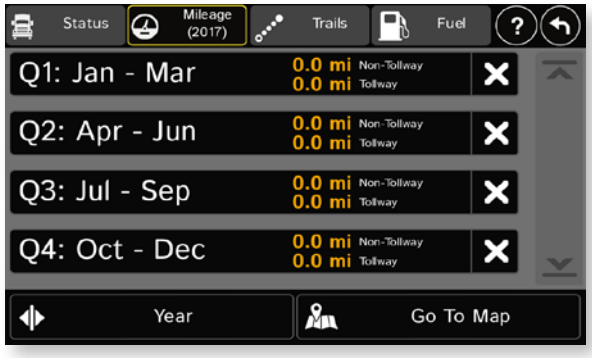
1. Tap **Truck Tools**.
2. Tap **Status, Trails, Mileage, and Fuel**.
3. Tap the **Status** tab.

Tap a field to make adjustments to mileage. The mileage continue to count down from the changed value.

1. Tap -- to decrease the setting.
2. Tap **+** to increase the setting.
3. Tap the calculator to display a keyboard. Enter a number and tap **Enter**.
4. Tap **Change**.

On the right, use the **Reset To** field to set the most common reset value, normally zero. At the beginning of each day or run, tap **Reset** to set the value back to zero for odometers and 15,000 or 35,000 for maintenance odometers.

1. Tap -- to decrease the setting.
2. Tap **+** to increase the setting.
3. Tap the calculator to display a keyboard. Enter a number and tap **Enter**.
4. Tap **Reset**.

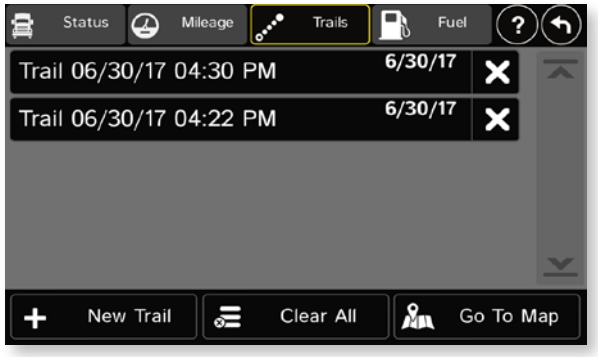


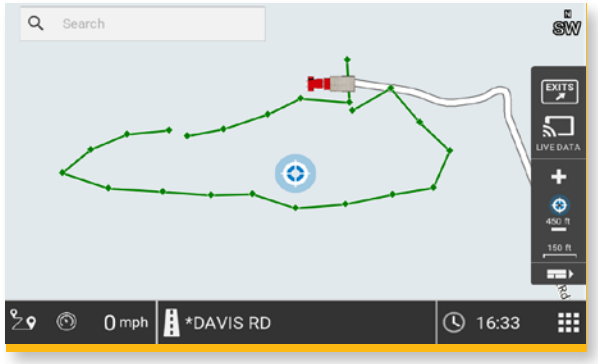
Mileage

1. Tap **Truck Tools**.
2. Tap **Status, Trails, Mileage, and Fuel**.
3. Tap the **Mileage** tab to view list of logs for the current year, ordered by quarter.
4. To view quarterly mileage logs for previous years, tap **Year**. Tap on a quarter to view log entries.
5. Tap on a quarter to view details. Tap **View by Date/View by State** and **Empty/Loaded** for more information.

To delete a log, tap on the ✕ next to the log entry to be deleted. Tap **Yes** to delete the log.

Note: Load Option and Driver Status control how logs are recorded.



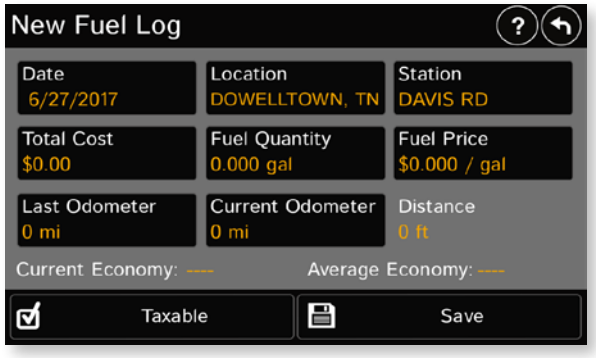


Trails

Use **Trails** to record a "bread-crumb" path of GPS coordinates where your truck has traveled.

1. Tap **Truck Tools**.
2. Tap **Status, Trails, Mileage, and Fuel**.
3. Tap the **Trails** tab.
4. To record a trail, tap **New Trail**.
5. To end the trail, tap the pause icon on the map screen. TRAIL
6. The trail is recorded in the Trails tab.
7. Tap on a trail to view details.
8. Tap **Show on Map** to display the trail on the map screen.
9. Tap **Edit Name** to change the name of the trail.
10. Tap **Set Color** to change the color of the trail.

Note: The **Trails** feature is also accessible from the Address Book.



Fuel Logs

1. Tap **Truck Tools**.
2. Tap **Status, Trails, Mileage, and Fuel**.
3. Tap the **Fuel** tab to view a list of fuel logs by quarter.
4. Tap **+Fuel** to record the date, location and cost of fuel purchase.
5. Tap on any field to edit.
6. Check **Taxable** to include the purchase in the fuel log.
7. Tap **Save** (**Note:** Fuel economy is calculated automatically.)
8. Once fuel purchases have been entered, tap on a quarter to view the details.
9. You can **View by State** or **View by Month**.
10. Tap the state or month to view fuel purchases.
11. Tap **View All** to see all fuel purchases.

Quick Planner

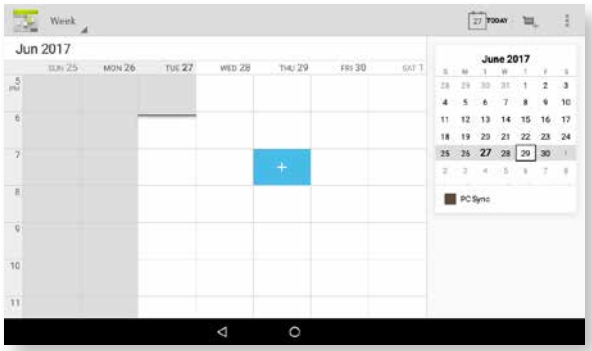
Use this tool to quickly estimate the mileage and time between any two cities or towns.

1. Tap **Truck Tools**.
2. Tap **Quick Planner**.
   The revenue or cost per mile used in the last computation displays.
3. Tap **From City 1** and select the city.
4. Tap **To City 2** and select the city.
5. The distance displays.
6. Tap **Cost per Mile** and enter the per mile rate or tap **Total** and enter the total amount.
7. Tap the new dollar amount and tap **Enter**.
8. The dollar amounts readjust automatically.
9. Tap **Average Speed (MPH)** enter a speed:
   - Tap -- or **+** to decrease or increase the speed.
   - Tap the calculator to enter a speed.
10. Tap **Change**.
11. The driving time displays.

Road Atlas Information

To reference the Rand McNally *Motor Carriers' Road Atlas*:

1. Tap **Truck Tools**.
2. Tap **Motor Carrier's Road Atlas**.
3. Select the appropriate country tab.
4. Select the appropriate state/province to view emergency and other key phone numbers.

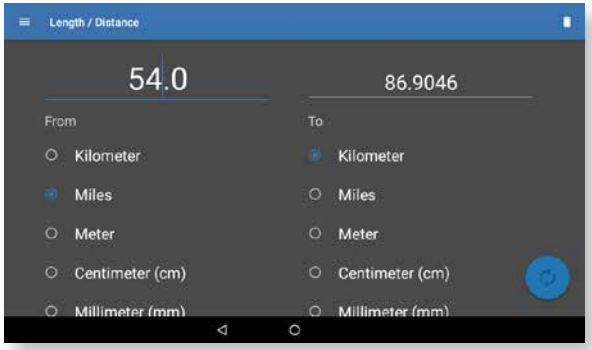


Calendar

1. Tap **Truck Tools**.
2. Tap **Calendar**.
3. Use the arrows to view other months and years.
4. Tap **Today** to return to the current date.

Notes

1. Tap **Truck Tools**.
2. Tap **Notes**.
3. Tap **New Note**.
4. Tap a note in the list to view and edit.

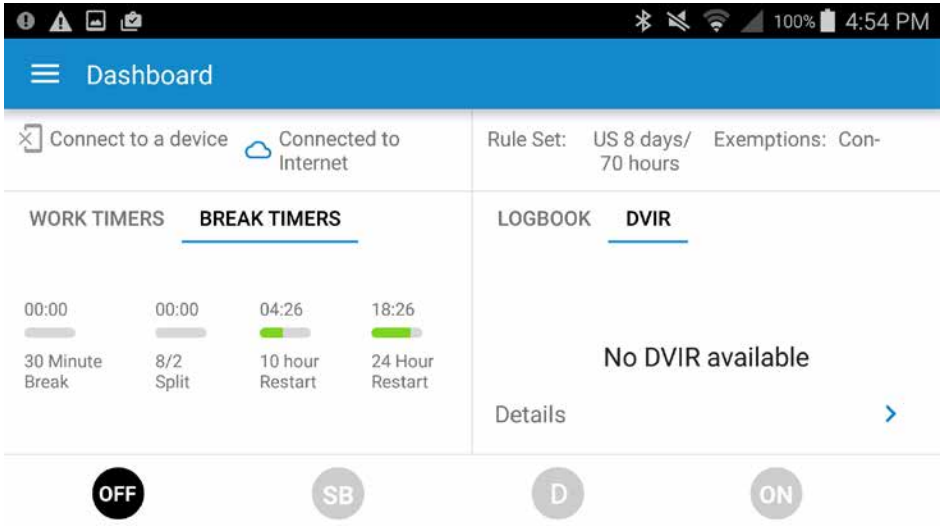


Unit Converter

5. Tap **Truck Tools**.
6. Tap **Converter**.
7. Tap on the first field and select the unit type.
8. Tap on the second field and enter the value to be converted.
9. Tap **Enter**.

Calculator

1. Tap **Truck Tools**.
2. Tap **Calculator**.

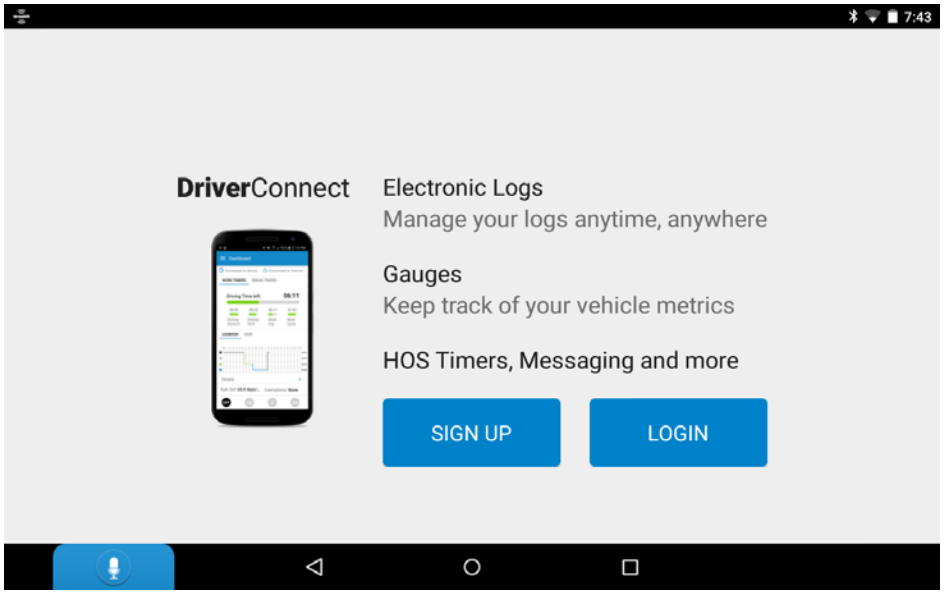


DriverConnect

The DriverConnect app provides a fully-compliant electronic logbook solution. DriverConnect lets you track and log Hours of Services,Driver-Vehicle Inspection Reports, Fuel purchases, and more. Reports can be generated for roadside inspections.

The DriverConnect app connects to a Rand McNally Electronic Logging Device (ELD) over a Bluetooth connection. The app automatically syncs driving data from the ELD with the Rand McNally DriverConnect web services via a Wi-Fi or cellular transmission.

Visit http://www.randmcnally.com/category/e-logs for up-to-date information on compatible ELDs.

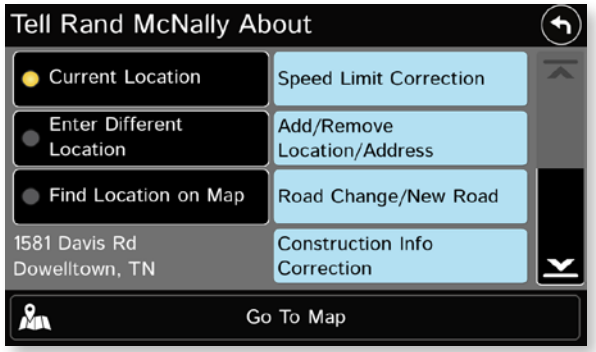


Sign Up or Log In

To use DriverConnect,you must log in with an existing account, or create a new account. If you are part of a fleet, your Fleet Manager will provide login information for you.

You can use your login information to access the DriverConnect portal, where you can view reports and stored information.

Visit https://www.driverconnect.randmcnally.com to access the DriverConnect portal.



Tell Rand

While you're en route with your TND™, you can enter messages for Rand McNally regarding construction, truck restrictions, addresses, your device, and more. The next time you connect to the Rand McNally Dock, you can reopen, edit, and send the message.

1. Tap **Truck Tools**.
2. Tap **Tell Rand**. On the left side, tap **Current Location**. Enter **Different Location** or **Find Location on Map**.

   Note: You can open a Tell Rand speed limit message by tapping the speed limit or mile marker on the map screen. Or open a Tell Rand with the power button by setting the **Quick Power Press** to Tell Rand.
3. If you selected Enter Different Location, enter it as an address. If you selected Find Location on Map, tap on the map to set the crosshairs at that location, then tap **Back**.
4. On the right side, tap the type of message you want to send.
5. Type your message.
6. Tap **Enter** to send the message.
7. To discard the message and return to the previous window, tap **Back**.

For more information

- Rand McNally Website
  www.randmcnally.com/trucking
- Support
  www.randmcnally.com/support
- GPS accessories
  store.randmcnally.com
- Facebook
  www.facebook.com/randtrucking

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TruckDown is a registered trademark of TruckDown Info International, Inc.

Wi-Fi is a registered trademark of the Wi-Fi Alliance.

InfoGation is a registered trademark of InfoGation Corporation.

Local search information provided by CityGrid Media.

Weather data provided by myweather.com.

Fuel prices provided by OPIS.

Traffic information provided by INRIX, Inc.

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